



## Blast 2 Sequences results

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### BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.18 [Mar-02-2008]

Matrix BLOSUM62 gap open: 11 gap extension: 1

x\_dropoff: 0 expect: 10.0000 wordsize: 3 Filter ☐ View option Standard

Masking character option X for protein, n for nucleotide Masking color option Black




☐ Show CDS translation

**Sequence 1:** unnamed protein product *human soluble epoxide hydrolase*  
Length = 556

**Sequence 2:** unnamed protein product *human neuropeptide Y1 receptor*  
Length = 384

**No significant similarity was found**

CPU time: 0.03 user secs. 0.02 sys. secs 0.05 total secs.




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Range: from begin to end Features: ☒ CDD

☐ 1: [AAS55647](#). Reports neuropeptide Y1 r...[gi:45239065]

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**Features** **Sequence**

LOCUS AAS55647 384 aa linear PRI 13-MAR-2004  
 DEFINITION neuropeptide Y1 receptor [Homo sapiens].  
 ACCESSION AAS55647  
 VERSION AAS55647.1 GI:45239065  
 DBSOURCE accession [AY548168.1](#)  
 KEYWORDS .  
 SOURCE Homo sapiens (human)  
 ORGANISM [Homo sapiens](#)  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 384)  
 AUTHORS Kopatz,S.A., Aronstam,R.S. and Sharma,S.V.  
 TITLE Isolation of cDNA coding for neuropeptide Y1 receptor (NPY1R)  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 384)  
 AUTHORS Kopatz,S.A., Aronstam,R.S. and Sharma,S.V.  
 TITLE Direct Submission  
 JOURNAL Submitted (13-FEB-2004) Guthrie cDNA Resource Center, Guthrie  
 Research Institute, 1 Guthrie Square, Sayre, PA 18840, USA  
 COMMENT Method: conceptual translation supplied by author.  
 FEATURES Location/Qualifiers  
 source 1..384  
 /organism="Homo sapiens"  
 /db\_xref="taxon:9606"  
 /tissue\_type="brain"  
 Protein 1..384  
 /product="neuropeptide Y1 receptor"  
 /name="G-protein coupled receptor"  
 Region 57..320  
 /region\_name="7tm\_1"  
 /note="7 transmembrane receptor (rhodopsin family). This  
 family contains, amongst other G-protein-coupled receptors  
 (GPCRs), members of the opsin family, which have been  
 considered to be typical members of the rhodopsin  
 superfamily; pfam00001"  
 /db\_xref="CDD:84429"  
 CDS 1..384  
 /coded\_by="AY548168.1:1..1155"  
 /note="NPY1R"  
 ORIGIN  
 1 mnstlfsqve nhsvhsnfse knaqllafen ddchlplami ftlalaygav iilgvsgnla  
 61 lliiilkqke mrnvtniliv nlsfsdllva imclpftfvy tlmhdhvfge amcklnpfvq  
 121 cvsitvsifs lvliaverhq liinprgrwp nnrhayvgia viwvlavass lpfliyqvmt  
 181 depfqnvtdl aykdkyvcfd qfpsdshrls yttllllvlqy fgplcfific yfkiyirlkr

```
241 rnnmmdkmdr nkyrssetkr inimllsivv afavcwlplt ifntvfdwnh qiiatcnhnl
301 lfllchltam istcvnpify gflnknfqrđ lqfffnfcdđ rsrdddyeti amstmhtdvs
361 ktslkqaspv afkkinndđ neki
```

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Apr 10 2008 15:51:27